

FIG. 1

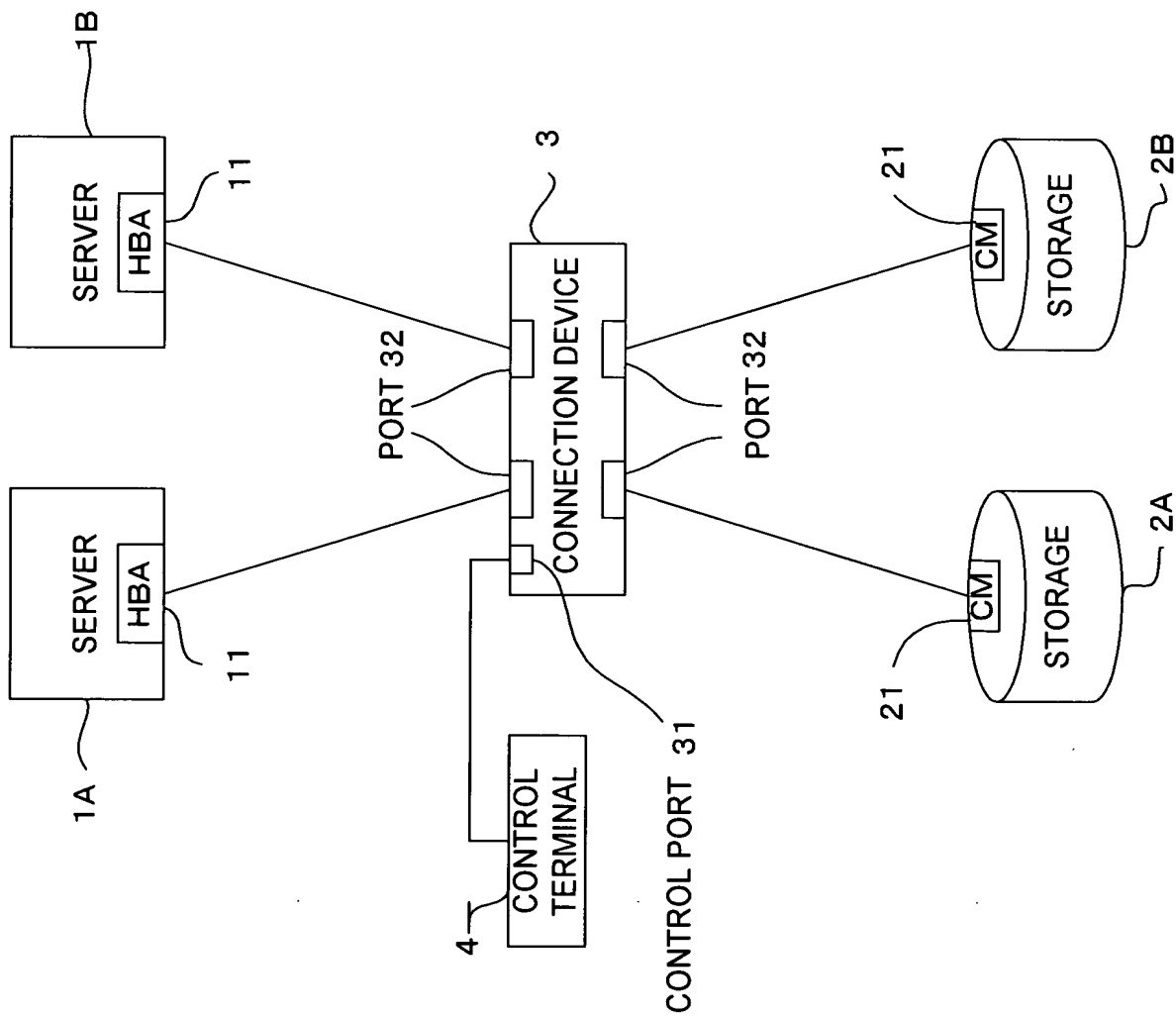


FIG. 2

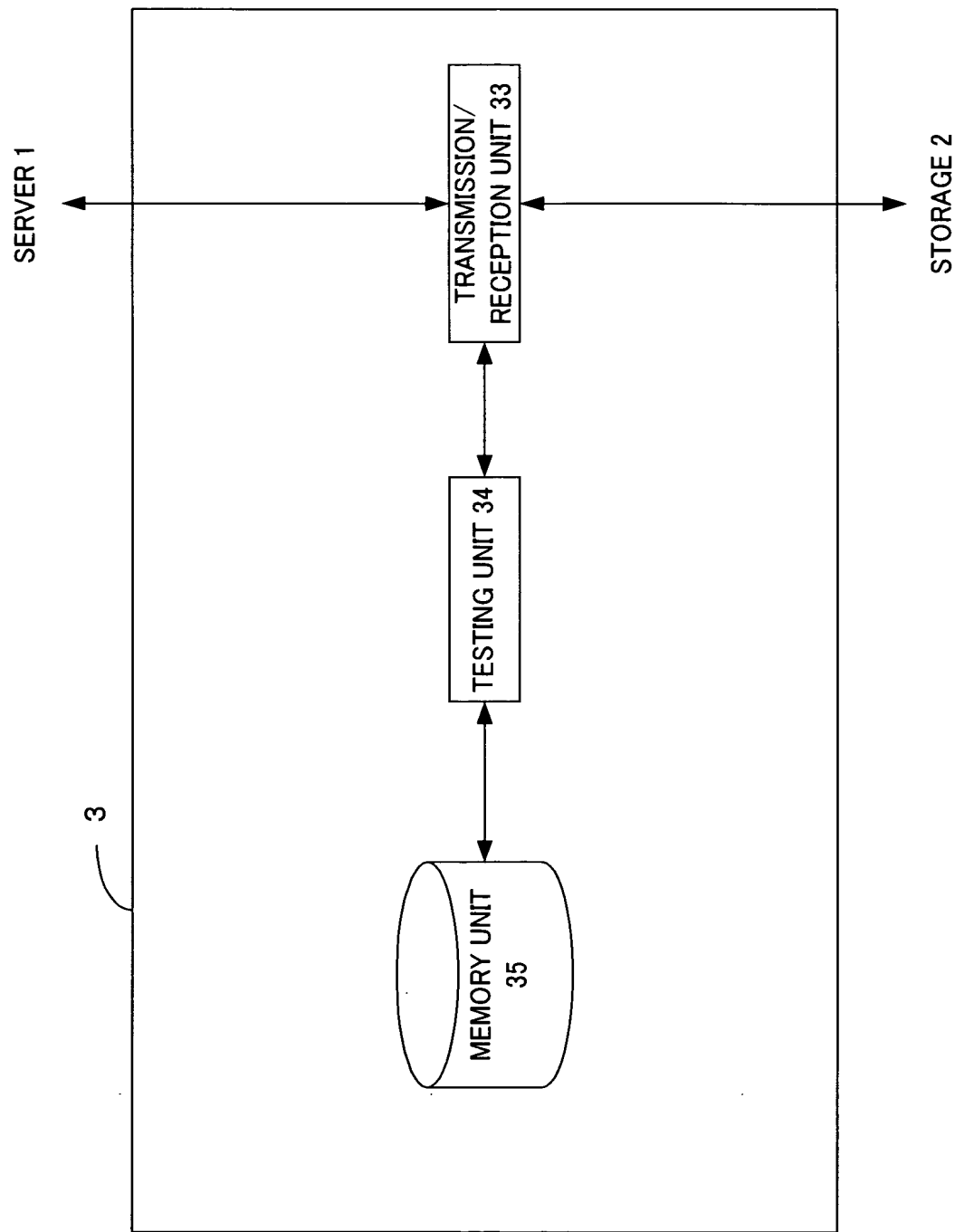


FIG. 3

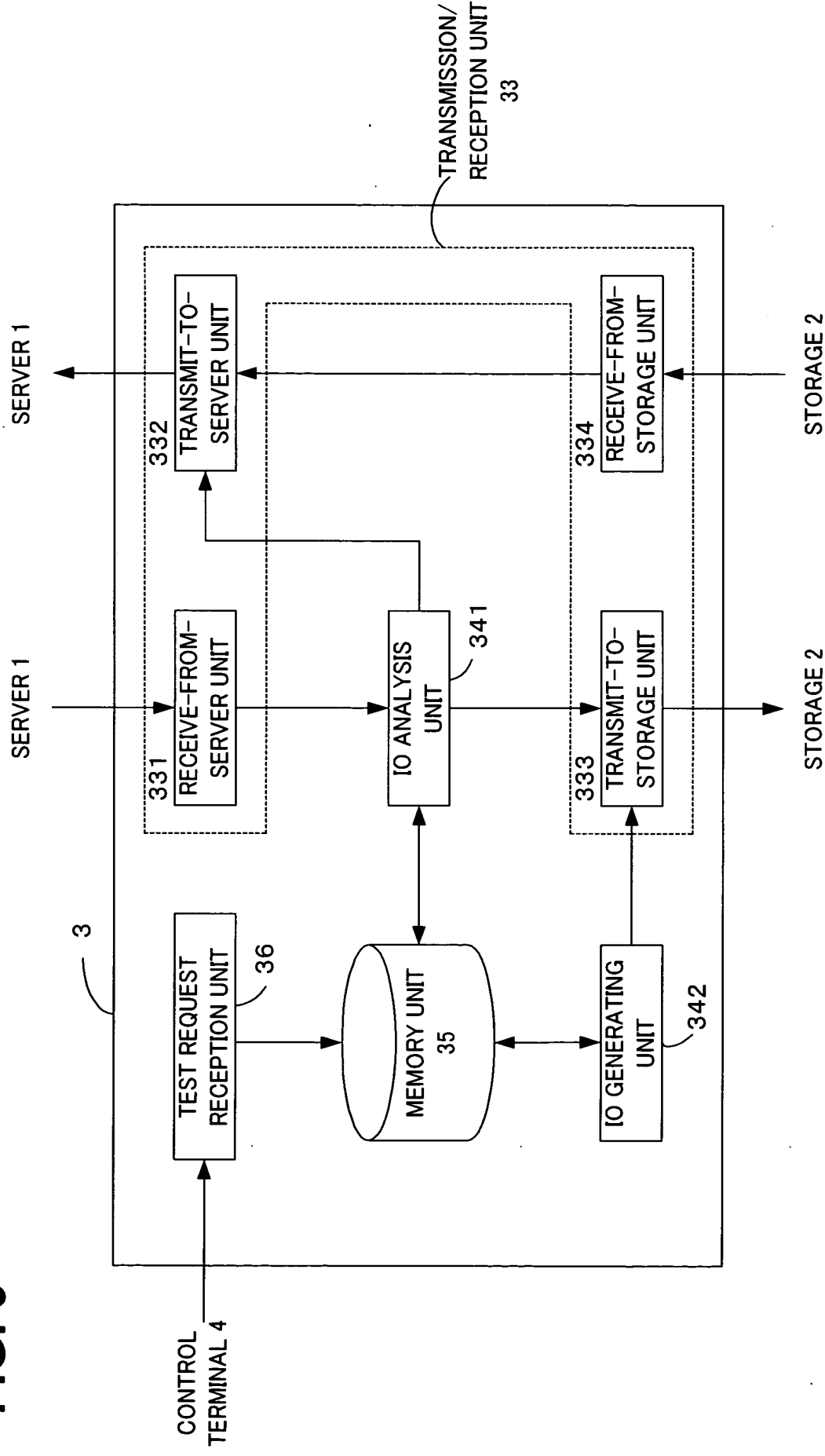


FIG. 4

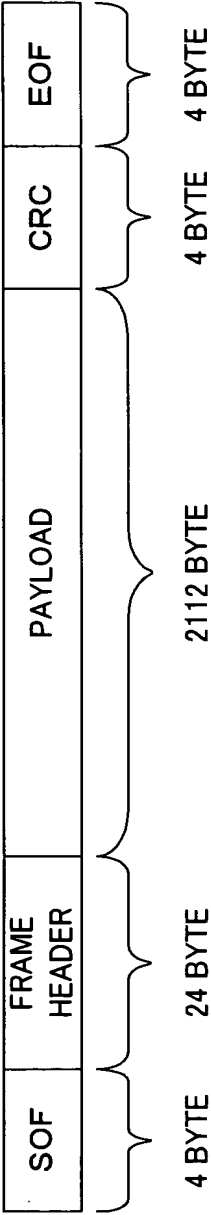


FIG. 5

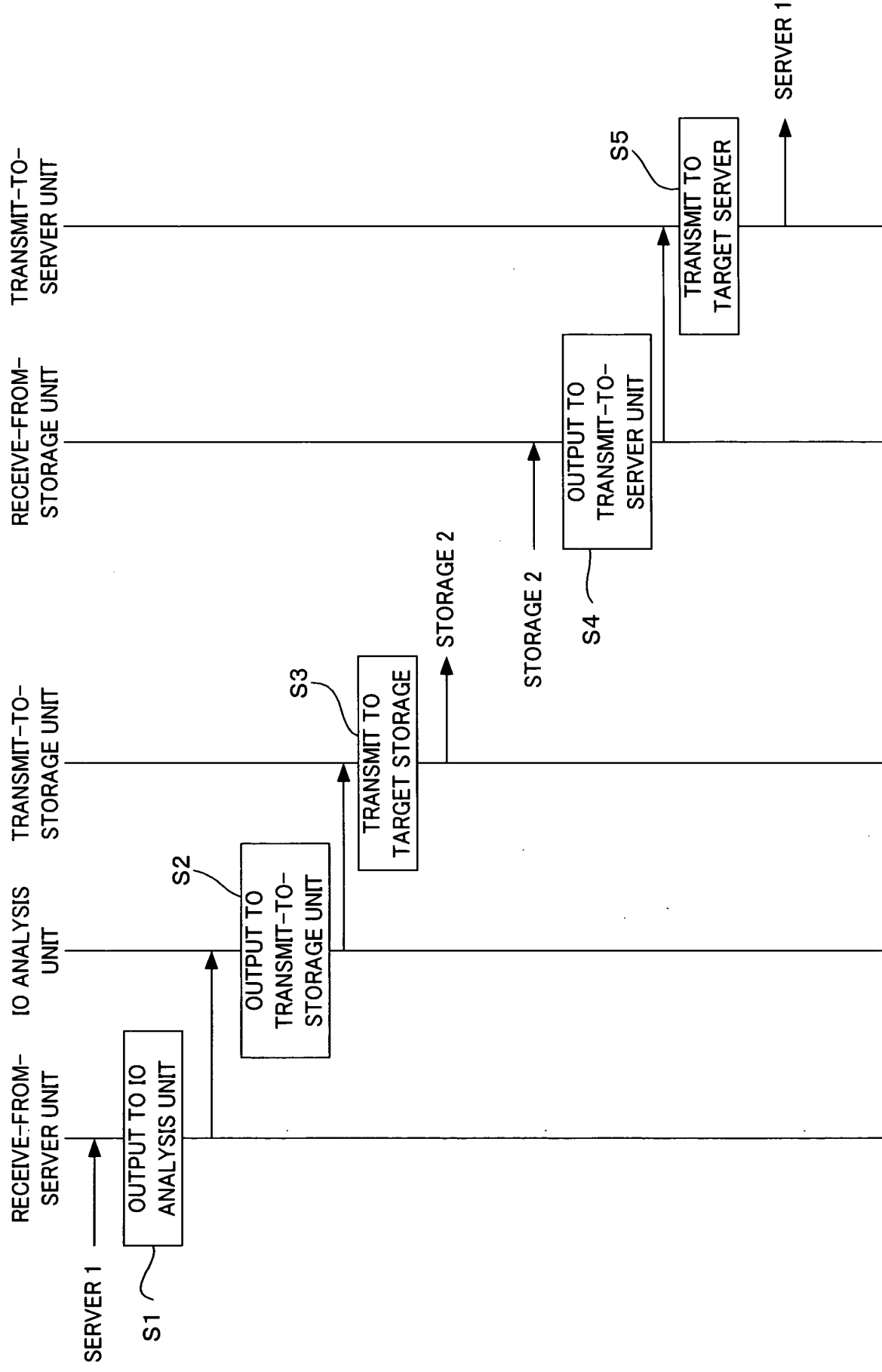


FIG. 6

| TYPE | DEVICE NAME | DISTRIBUTION METHOD | | PARAMETER 1 | PARAMETER 2 |
|------|----------------|-------------------------|--|-------------|-------------|
| | | | | | |
| I | DEV1 | NORMAL DISTRIBUTION | | μ | σ |
| I | DEV2 | POISSON DISTRIBUTION | | λ | |
| I | ... | ... | | ... | ... |

FIG. 7

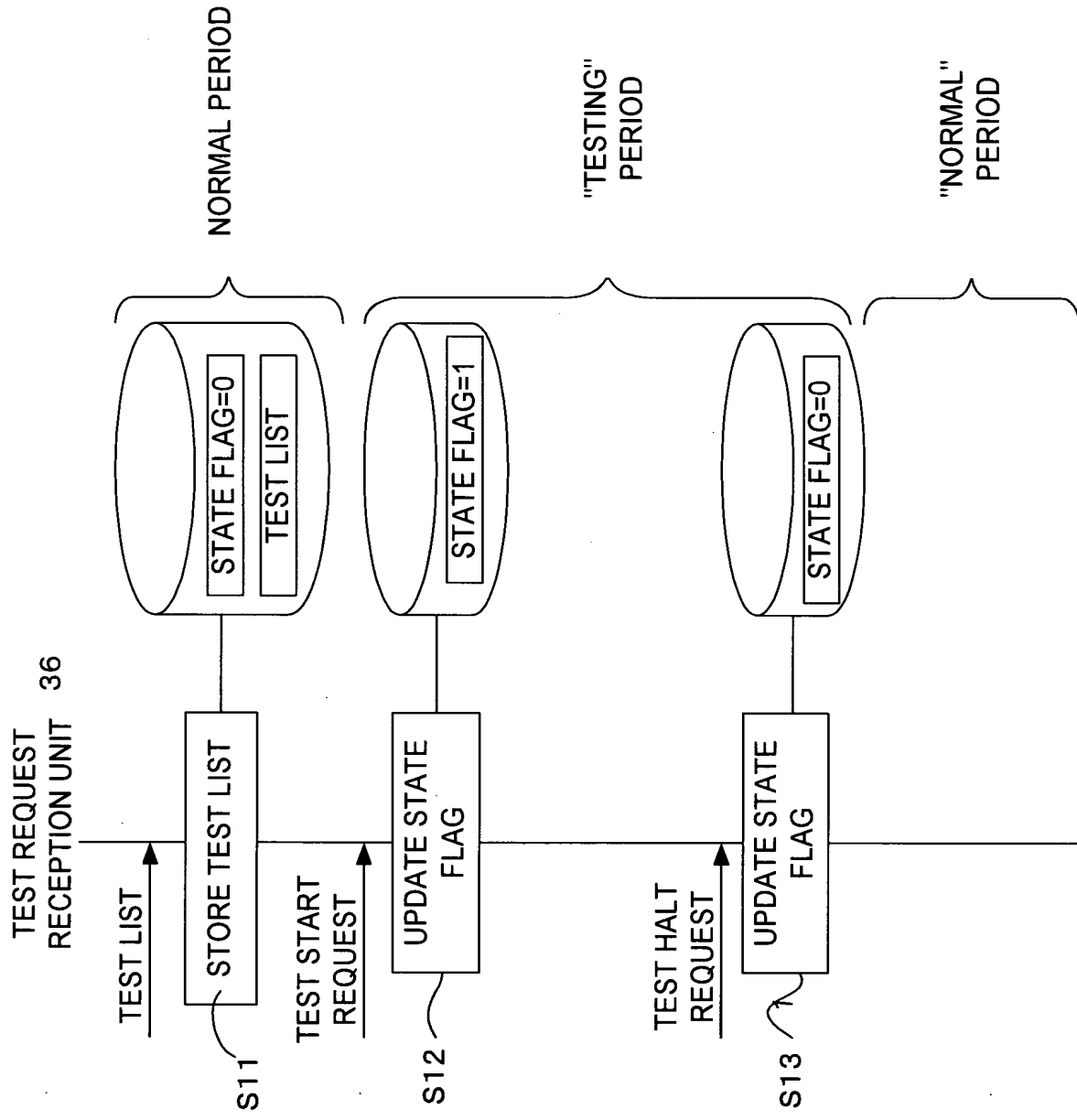


FIG. 8

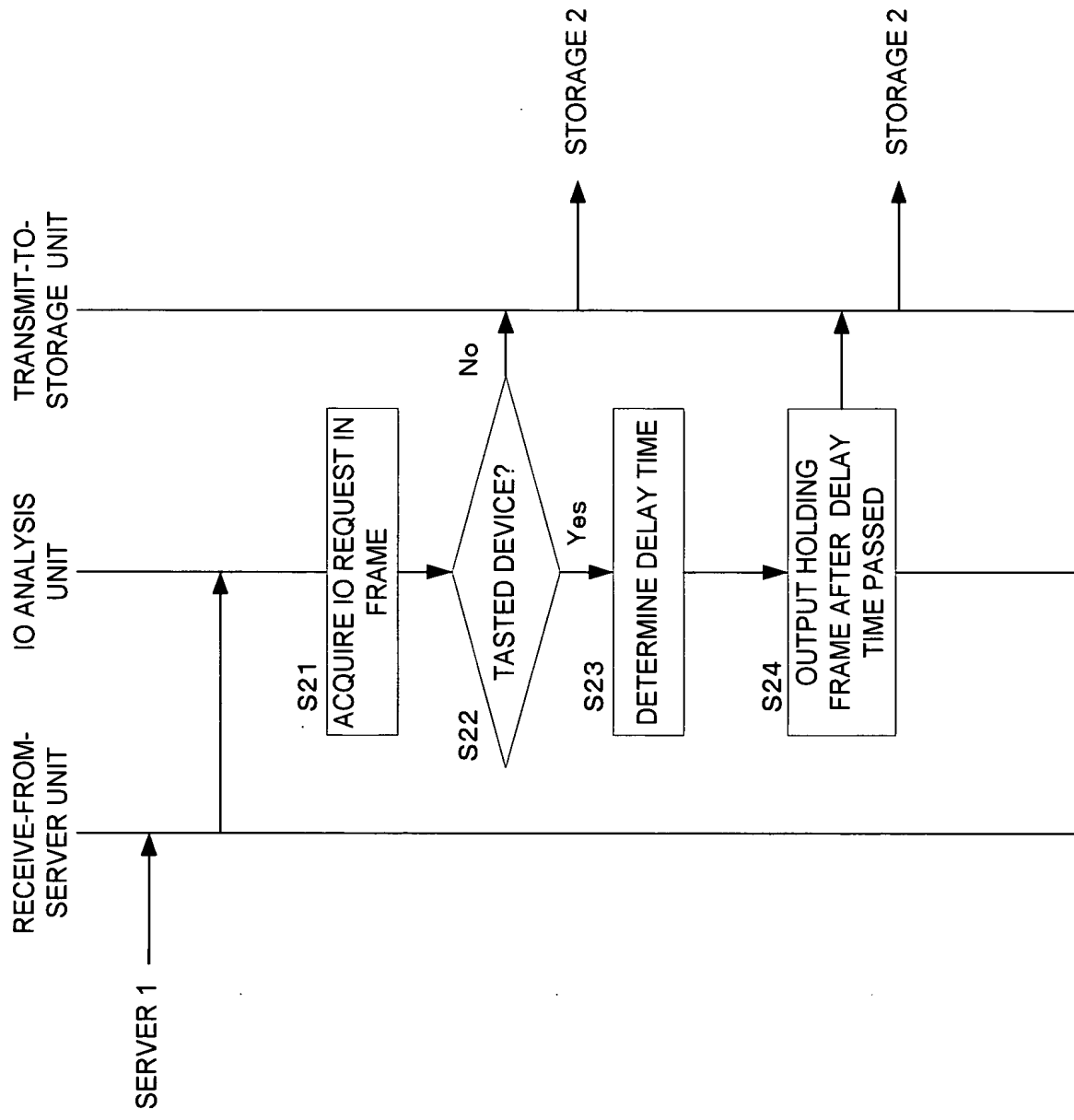


FIG. 9

| TYPE | DEVICE NAME | ACCESS TYPE | DATA SIZE | IO RATE | IO ISSUES FREQUENCY |
|------|----------------|-------------|-----------|---------|------------------------|
| II | DEV1 | RANDAM | 4 (KB) | 1 | 200 (IO/SEC) |
| II | DEV2 | SEQUENTIAL | 4 (KB) | 0. 5 | 200 (IO/SEC) |
| II | ... | ... | ... | ... | ... |

FIG. 10

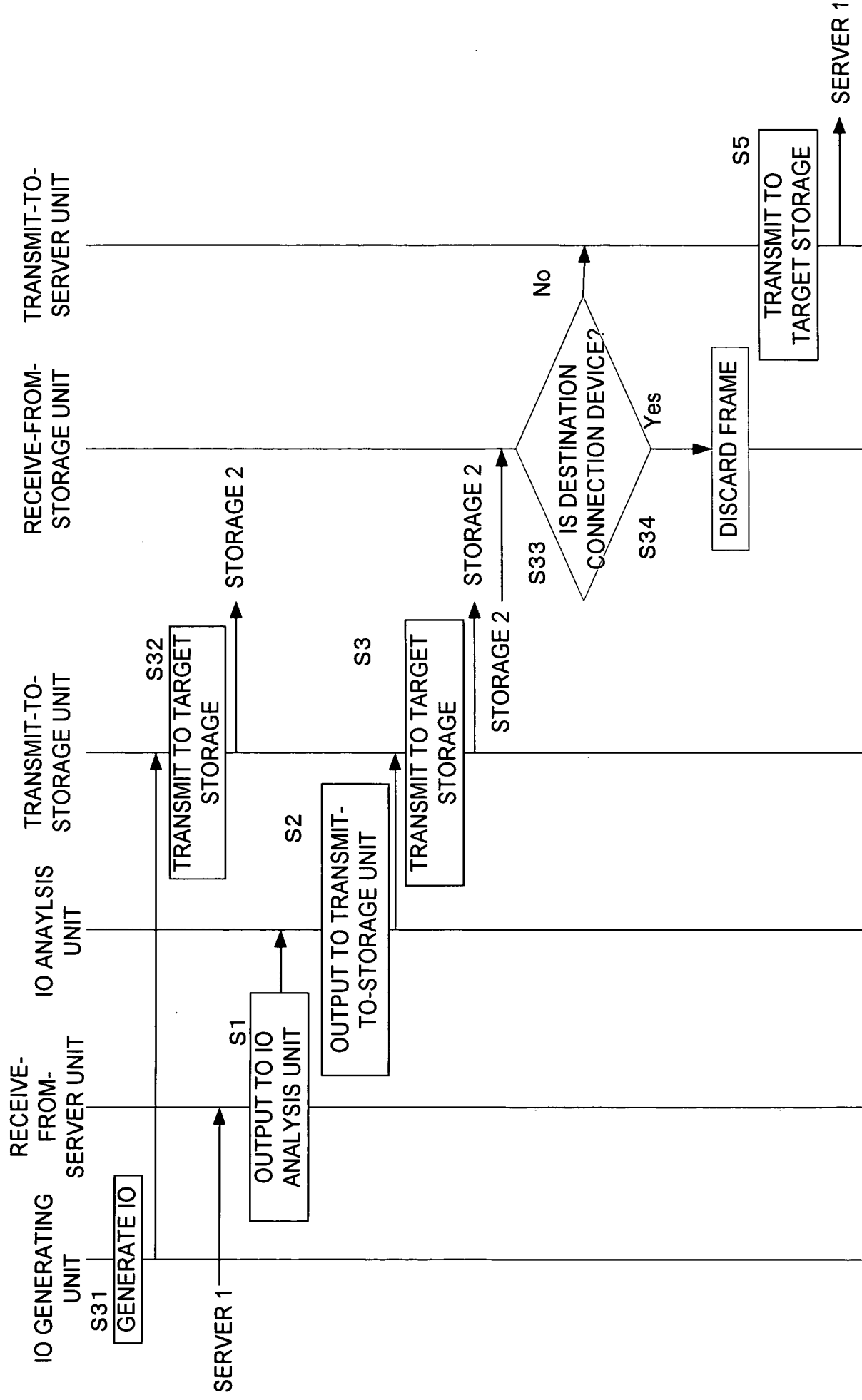


FIG. 11

| TYPE | DEVICE NAME | IO TYPE | ERROR OCCURRENCE PROBABILITY | ERROR TYPE | THE NUMBER OF RECEIVED IO | THE NUMBER OF ERROR RESPONSE |
|------|----------------|---------|------------------------------------|---------------|---------------------------------|------------------------------------|
| III | DEV1 | READ | 0.6 | MSG-A | 0 | 0 |
| III | DEV1 | WRITE | 0.5 | MSG-B | 0 | 0 |
| III | DEV2 | READ | 0.2 | MSG-C | 0 | 0 |
| III | ... | ... | ... | ... | ... | ... |

FIG. 12

